AEE/SBR/41/2015-16/07.25/09/18

Original/Duplicate/Triplicate

1st & FINAL BILL

Division DD

CONTRACT CERTIFICATE

(For Other Works)

Sub-Division DD

Date: .....

Bill Received No. 244 Dated 8/9/16

Cash Book Voucher No. ..... Dated: .....

Scheduled Doctet No. .....

Head of Account .....

Name of work (as per sanctioned estimate) MODIFIED ESTIMATE FOR IMPROVEMENTS & ASPHALTING TO 9TH CROSS & OTHER ROAD IN BHUVANESHWARI NAGAR IN BAGALAGUNTE IN WARD NO.14 T.DASARAHALLI SUB DIVISION

Name of Contractor and Full Address THE TECHNICAL MANAGER (w) KRIDL

Reference to Agreement No. 450/12-13 07.8.03/13 Date: .....

Certified that the measurements were taken by me on ..... and recorded in pages 121657 to 121659 of measurements Book No. 1712 and that the work is satisfactorily executed.

Contractor

25/07/15

Officer-In-charge of work

Certified that the measurements were checked by me on ..... and found correct. The work is satisfactorily executed. Certified that the quantities of materials shown in column 3 of Account II have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of an imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

If Memorandum of Payment JOB NO : 014-13-000019

Sub - Division Officer

			AMOUNT
1.	Total value of work done or supplies made as per account.	--	
2.	Deduct amount to be held in reserve being ..... percent Rs.	--	
3.	- do - Balance		Bill Amount - 4407308=00
4.	Deduct Payments :		
	a) Amount of previous payment as in the Office Cash Book Voucher No..... Dated ..... S.D. No.		IT - 88146=00
	Amount adjusted towards cash advance recovery of		VAT - 176292=00
	b) Payments cost store or other materials supplied.		FSD - 220365=00
5.	Balance being unpaid value of work done held in reserve		LWC - 44073=00 Total
6.	Deduct cash advance made on the office Cash Book Vehicle No.		CRF - 44073=00
	dated ..... less adjustments		LR - 29381=00
7.	Net amount due to or from contractor		Fine - 7200=00
	Unadjusted items		563302=00
8.	Advance to contractor for materials brought to site (as detailed) within value of Government materials supplied.		Net Amount - 3844066=00
		Total amount adjusted --	

Contractor Signature

Received Rs. ..... (in words)

.....

..... by cash and by adjustment of

4407308=00

Payment as per memorandum.

(In final settlement of all demand)

Witness :

1.

2.

Date

Signature of Contractor

Audited and admitted for Rs. ..... (For use in the Office)

Passed by Cheque for Rs. 3844066=00

(.....)

Stamp

by adjustment 563302=00

Accounts Superintendent

Executive Engineer

Paid by me by cheque No..... Dated .....

Cash Rs. ..... Dated .....

Initials of Officer making payment dated .....

Assistant Engineer

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	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous Measurem		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
1	Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 metres and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.	Cum	—	—	16380	65-88	10 39170	163-80	1039170	
2	Construction of granular sub-baseby providing close graded material, mixing in a mechanical mix plant at OMC , carriage of mixed Material to work site, spreading in uniform layers with mortor grader on prepared surface and compacting with vibratory power roller to achieve the desired density, complete as per specification. A.Plant Mix Method. Close graded granual sub-base material as per 400-1 For Grading - I Material MORTH Chapter 4	Sqm	—	—	72.30	1060-56	766780	72-30	766780	
3	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to rceive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	—	—	2046m	2-59	5299m	2046m	5299m	
4	Providing, laying, spreading and compacting graded stone aggregates to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH Specification	Sqm	—	—	9640	1121-04	105'068m	9640	108068m	
5	Providing and applying tack coat on the prepared black topped surfaces at 2.5 kg per 10 sqm heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries complete as per specifications.	Sqm	—	—	2046m	17-53	36684m	2046m	36684m	
6	Providing and laying bituminous macadam on prepared surface with cushed coarse aggregates as per design mix formula for base/binding course including loading of aggregates with F.E. loader, hot mixing of stone aggregates and bitumen in hot mix plant 40 tonne capacity, transporting the mixed material in tipper to paver and laying mixed materials with paver finisher to the required level and grade, rolling by power roller to achieve the desired density, 50/75mm compacted thickness with 3.3% bitumen but excluding cost of primer / tack coat with lead upto 1 km including cost of all materials, labour, HOM of machineries complete as per specification. MORTH Chapter 5 with 80/100 grade bitumen	Cum	—	—	3615	6646-32	2402264 2402264m	3615	2402264m	
7	Providing and laying semi dense bituminous concrete with 100-120 TPH batch type HMP producing an average output of 75 tonnes per hour using crushed aggregates of specified grading, premixed with bituminous binder at 4.5 to 5% of mix and filler, transporting the hot mix to work site laying with a hydrostatic paver finisher with sensor control to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No.500.8 complete in all respects as per specifications .25-30mm compacted thickness with 5% bitumen 80/100 grade (Grading II)	Cum	—	—	7920	9631-92	7628160m	7920	7628160m	
8	Carriage of mixed materials 10 kms for item of Sl.No.1.c		—	—	115-35	56-16	6478m	115-35	6478m	
9	Earthwork excavation by manual means in hard soil involving an average horizontal throw upto 2 metres and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.	Cum	—	—	33-50	90-12	3035m	33-50	3035m	
10	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 metres and an average lift upto 0.5m, excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.	Cum	—	—	192-30	65-88	12669m	192-30	12669m	
11	Providing and laying in position plain cement concrete of mix M 7.5 with OPC cement @ 180 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.85 cum and fine aggregates @ 0.57 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth,including cost of all materials, labour HOM of machinery curing complete as per specifications. Specification	Cum	—	—	5781	4250-84	2456140m	5781	2456140m	
12	Providing and laying in position plain cement concrete of mix M 15 with OPC cement @ 240 kgs, with 40 mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery curing complete as per specifications.	Cum	—	—	49-14	6779m	233840m	49-14	233840m	

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	Items of work (grouped under sub-heads the sub works of the estimate)	Unit	Previous Measurem		Present Measurement			Total Up-to-date		Remarks
			Qty	Cost	Qty	Rate Rs. Ps.	Cost	Qty	Cost	
13	Providing and constructing granite / trap/ basalt size stone masonry in foundation with cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing, complete as per specifications.		—	—	11-88	3345-96	421745	11-88	421745 (421744=00)	
14	Providing and constructing granite / trap/ basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing, complete as per specifications		—	—	18.72	4227-42	79132	18.72	79132	
15	Providing and laying in position reinforced cement concrete of design mix M 25 with OPC cement @ 340 kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.70 cum fine aggregates @ 0.47 cum, with superplastisiser @ 3 lts confirming to IS 9103 - 1999 Reaffirmed - 2008, machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, staircase, lintels, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery curing, complete as per specifications.		—	—	11-71	8163-68	91778 (91807=00)	11-71	91778 (91807=00)	
16	Providing TMT steel reinforcement for R.C.C. work including straightening, cutting, bending, hooking, placing in position, lapping and/or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. for TMT Bars Fe 415 Specification		—	—	6.48	7410-72	48282	6.48	48282	
17	Removing B.S slab of drain and stacking		—	—	432	50-75	21816	432	21816	
18	Refixing stone slabs of drains and pointing in C.M(1:3)		—	—	422	70-04	29537	422	29537	
19	Providing a granite slabs of selected quality roughly dressed and fixed in cement mortar (1:6) including fixing curing etc., complete		—	—	288	343-44	98911	288	98911	
20	Providing and constructing precast concrete solid blocks with compressive strength not less than 35 kg.sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S. 2185 of 1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications		—	-	640	924-48	591667	640	591667	
21	Supplying and fixing precast reinforced concrete slab 10 cm thick including cost of reinforcement as per design and drawing, material cost, transportation hire charges f machinery, machine cutting the vertical face to get plain even surface etc., complete with all lead and lift conveyance charges labour charges inclusive of cost all materials		—	-	720	1600	1152000	720	1152000	
22	Providing and fixing Pre cast solid concrete kerb stones made out of CC 1:2:4 and finished with CM 1:3 plastering and finishing cutting etc., complete of size 450 x 200 x 400mm		—	-	222	316-04	70150	222	70150	
23	Disposal of debries to the final place of disposal with all lead and lift and as direction by the engineer in charge of the work lead 4 km a)Basic rate for haulage of materials as per item b)Average earth of work 1.28 tonne/km c)Add loading and unloading complete as per specification		—	-	361-71	72-71	26247	361	26247	
24	Add 10% KRIDL Charges + Labour cess 1% + QC charges 1%						(400664=00)			
	GRAND TOTAL						4006644		4006644=00	
							4407308		4407308=00	

CERTIFICATE:

1. Work done is satisfactory
2. There are no departmental issuesmade to the contractor
3. The contractor has cleared all debrice from work spot

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